

PORTAL

USPTO

Subscribe (Full Service) Register (Limited Service, Free) Login

Search: The ACM Digital Library The Guide

"health monitoring system" rules

Searching within The ACM Digital Library for: "health monitoring system" rules (start a new search)
Found 11 of 243,693

REFINE YOUR SEARCH

▼ Refine by Keywords

"health monitoring sys

Discovered Terms

▼ Refine by People

Names

Institutions

Authors

▼ Refine by Publications

Publication Year

Publication Names

ACM Publications

All Publications

Publishers

▼ Refine by Conferences

Sponsors

Events

Proceeding Series

ADVANCED SEARCH

Advanced Search

FEEDBACK

Please provide us with feedback

Found 11 of 243,693

Search Results

Related SIGs

Related Conferences

Results 1 - 11 of 11

Sort by relevance

in expand

Save results to a Binder

1 A time-and-value centric provenance model and architecture for medical data streams

Min Wang, Marion Blount, John Davis, Archana Misra, Daby Sow
June 2007 HealthNet '07: Proceedings of the 1st ACM SIGMOBILE international conference on Systems and networking support for healthcare and assisted environments

Publisher: ACM

Full text available: Pdf (447.56 KB) Additional Information: full citation, abstract, references

Bibliometrics: Downloads (6 Weeks): 7, Downloads (12 Months): 103, Citation

Provenance becomes a critical requirement for healthcare IT infrastructure when pervasive biomedical sensors act as a source of raw medical streams. Medical data streams are often unstructured, automated clinical decision support systems. Medical and legal re

Keywords: data streams, medical sensors, provenance

2 An integrated wireless sensing and mobile processing architecture for elderly living and healthcare applications

S. Dagtas, Y. Natchef, H. Wu

June 2007 HealthNet '07: Proceedings of the 1st ACM SIGMOBILE international conference on Systems and networking support for healthcare and assisted environments

Publisher: ACM

Full text available: Pdf (251.38 KB) Additional Information: full citation, abstract, references

Bibliometrics: Downloads (6 Weeks): 14, Downloads (12 Months): 228, Citation

In this paper we present a wireless solution for monitoring people in need of assistance. The application relies on the use of cell phones and inexpensive sensors and is best suited for the elderly and home-bound people. The main fun

Keywords: ZigBee, elderly care, measurement collection model, mobile wireless sensors

3 A service oriented architecture for wireless sensor and actor network

Jaco M. Prinsloo, Christian L. Schulz, Derrick G. Kourie, W. H. Morkel, Theunis Strauss, Roelf Van Den Heever, Sybrand Grobbelaar

October 2006 SAICSIT '06: Proceedings of the 2006 annual research conference of the South African institute of computer scientists and information systems on IT research in developing countries

Publisher: South African Institute for Computer Scientists and Information Techno
Full text available:  Pdf (228.13 KB) Additional Information: [full citation](#), [abstract](#), [reference](#)

Bibliometrics: Downloads (6 Weeks): 33, Downloads (12 Months): 340, Citation (

The emergence of Wireless Sensor and Actor Networks (WSAN) has con significantly to the progress of ubiquitous and pervasive computing, but introduced new challenges. The authors researched this technology and to real-world ...

Keywords: OSGi, management system, service oriented architecture, v and actor networks

4 Integrating the visualisation reference model with ecological interface design

 Connor Upton, Gavin Doherty

August 2007 ECCE '07: Proceedings of the 14th European conference on Computer ergonomics: invent! explore!

Publisher: ACM

Full text available:  Pdf (523.83 KB) Additional Information: [full citation](#), [abstract](#), [reference](#)

Bibliometrics: Downloads (6 Weeks): 7, Downloads (12 Months): 31, Citation (

Motivation -- In some situations EID's high-level visual design principles are difficult to apply. A more concrete design methodology would make the design more accessible for interface designers. Research approach -- Graphic

Keywords: ecological interface design, task models, visualisation

5 Shadow configuration as a network management primitive

 Richard Alimi, Ye Wang, Y. Richard Yang

August 2008 SIGCOMM '08: Proceedings of the ACM SIGCOMM 2008 conference on communication

Publisher: ACM

Full text available:  Pdf (1.05 MB) Additional Information: [full citation](#), [abstract](#), [reference](#)

Bibliometrics: Downloads (6 Weeks): 29, Downloads (12 Months): 164, Citation (

Configurations for today's IP networks are becoming increasingly complex. Network configuration management is becoming a major cost factor for network operators. Configuration errors are becoming a major cause of network disruptions.

Keywords: network diagnostics, network management

Also published in:

October 2008 SIGCOMM Computer Communication Review Volume 38 Issue

6 On the relative importance of privacy guidelines for ambient health care

 Evelien van de Garde-Perik, Panos Markopoulos, Boris de Ruyter

October 2006 NordiCHI '06: Proceedings of the 4th Nordic conference on Human-computer interaction: changing roles

Publisher: ACM

Full text available:

 [Pdf \(340.01 KB\)](#) Additional Information: [full citation](#), [abstract](#), [reference](#)

Bibliometrics: Downloads (6 Weeks): 9, Downloads (12 Months): 92, Citation (

We present an empirical study regarding the relative importance of com
privacy related guidelines in the context of a Health Monitoring System.
were confronted with text scenarios describing privacy related aspects c

Keywords: ambient intelligence, fair information practices, privacy guid

7 Safe automatic flight back and landing of aircraft flight reconfiguration (FRE)

 [Juan Alberto Herrerría García](#)

March 2008 DATE '08: Proceedings of the conference on Design, automatic
Europe

Publisher: ACM

Full text available:  [Pdf \(302.07 KB\)](#) Additional Information: [full citation](#), [abstract](#), [reference](#)

Bibliometrics: Downloads (6 Weeks): 6, Downloads (12 Months): 12, Citation (

SOFIA (Safe Automatic Flight Back and Landing of Aircraft) project is a
challenge of developing concepts and techniques enabling the safe and
return to ground in the event of hostile actions. Activities in this sense h

8 Living assistance systems: an ambient intelligence approach

 [Jürgen Nehmer, Martin Becker, Arthur Karshmer, Rosemarie Lamm](#)

May 2006 ICSE '06: Proceedings of the 28th international conference on Software engineering

Publisher: ACM

Full text available:  [Pdf \(587.72 KB\)](#) Additional Information: [full citation](#), [abstract](#), [reference](#)

Bibliometrics: Downloads (6 Weeks): 50, Downloads (12 Months): 364, Citation (

In this paper, we present an integrated system concept for the living as
domain based on ambient intelligence technology and discuss the result
for the software engineering discipline. Automated living assistance syst
represent ...

Keywords: adaptivity, ambient intelligence, assisted living, elderly care
systems

9 Requirements and design spaces of mobile medical care

 [Prajakta Kulkarni, Yusuf Öztürk](#)

July 2007 SI G MOBILE Mobile Computing and Communications Review

Issue 3

Publisher: ACM

Full text available:  [Pdf \(746.73 KB\)](#) Additional Information: [full citation](#), [abstract](#), [reference](#)

Bibliometrics: Downloads (6 Weeks): 61, Downloads (12 Months): 725, Citation (

Pervasive care and chronic disease management to reduce institutional priority for most western countries. The realization of next generation u
pervasive healthcare systems will be a challenging task, as these syste

10 Simplifying home health monitoring by incorporating a cell phone into the system
◆ Thomas G. Zimmerman, Keng-hao Chang
July 2008 PETRA '08: Proceedings of the 1st international conference on P
Technologies Related to Assistive Environments
Publisher: ACM
Full text available: Pdf (362.27 KB) Additional Information: full citation, abstract, references
Bibliometrics: Downloads (6 Weeks): 13, Downloads (12 Months): 26, Citation

The overweight under-exercised aging baby-boom generation is creating
of chronic diseases that is placing a tremendous burden on the health care system.
Frequent monitoring and contact between a patient and health care providers
will help ...

Keywords: cell phone, chronic disease management, embedded system
monitoring, wireless

11 Power efficient multi-band contextual activity monitoring for assistive technologies
◆ A.J. Praveen Aroul, Achutan Manchar, Dinesh Bhatia, Leonardo Estevez
July 2008 PETRA '08: Proceedings of the 1st international conference on P
Technologies Related to Assistive Environments
Publisher: ACM
Full text available: Pdf (483.55 KB) Additional Information: full citation, abstract, references
Bibliometrics: Downloads (6 Weeks): 15, Downloads (12 Months): 38, Citation

The advancement in technology for patient monitoring and smart living
is making a huge impact on providing health care for the elderly and ne
An energy efficient context aware system for sensing and reporting eve

Keywords: RFID, ZigBee, battery life, contextual sensing, low power R
monitoring, tele-medicine, wireless sensor network

The ACM Portal is published by the Association for Computing Machinery. Copyright © 2009 ACM, Inc.

[Terms of Usage](#) [Privacy Policy](#) [Code of Ethics](#) [Contact Us](#)

Useful downloads: Adobe Acrobat QuickTime Windows Media Player Real Player